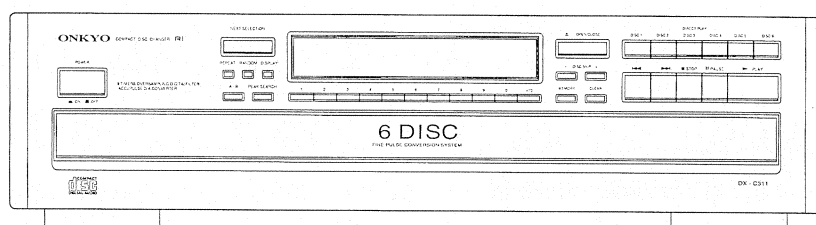


DX-C311/C211/ C111

Compact Disc Automatic Changer Instruction Manual



CONTENTS

Important Safeguards.....	2	Playing CDs.....	7
Special Cautions for Compact Disc Player	3	Using Memory Function	10
Features	4	Useful Functions.....	12
Precautions	4	Handling CDs	13
Control Positions and Names	5	Features Only Available on the Remote Control	14
Setting the Voltage Selector (World Models Only).....	6	Connecting Onkyo Components for RI Operation.....	15
Making System Connections	6	Troubleshooting Guide	16
Power Connections	6	Specifications	16

Thank you

for your purchase of the

Onkyo DX-C311/C211/C111 CD player.

Please read this manual thoroughly before making connections and turning power on. Follow these instructions to obtain optimum performance and maximum listening enjoyment from your new DX-C311/C211/C111.

Please retain this manual for future reference.

FOR EUROPEAN MODEL:

- This apparatus complies with requirements of EC directive 87/308/EEC.

FOR CANADIAN MODEL: (POUR LE MODELE CANADIEN:)

- For models having a power cord with a polarized plug

CAUTION:

TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY INSERT.

- Sur les modèles don't la fiche est polarisée

ATTENTION:

POUR EVITER LES CHOCs ELECTRIQUES, INTRODUIRE LA LAME LA PLUS LARGE DE LA FICHE DANS LA BORNE CORRESPONDANTE DE LA PRISE ET POUSSER JUSQ'AU FOND.

WARNING

"TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE."

CAUTION

"TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL."



CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN



- The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.
- The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

Important Safeguards

1. **Read Instructions** — All the safety and operating instructions should be read before the appliance is operated.
2. **Retain Instructions** — The safety and operating instructions should be retained for future reference.
3. **Heed Warnings** — All warnings on the appliance and in the operating instructions should be adhered to.
4. **Follow Instructions** — All operating and use instructions should be followed.
5. **Water and Moisture** — The appliance should not be used near water — for example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool, and the like.
6. **Carts and Stands** — The appliance should be used only with a cart or stand that is recommended by the manufacturer.
- 6A. An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surface may cause the appliance and cart combination to overturn.

PORTABLE CART WARNING



S3125A

7. **Wall or Ceiling Mounting** — The appliance should be mounted to a wall or ceiling only as recommended by the manufacturer.
8. **Ventilation** — The appliance should be situated so that its location or position does not interfere with its proper ventilation. For example, the appliance should not be situated on a bed, sofa, rug, or similar surface that may block the ventilation openings; or, placed in a built-in installation, such as a bookcase or cabinet that may impede the flow of air through the ventilation openings.
9. **Heat** — The appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.
10. **Power Sources** — The appliance should be connected to a power supply only of the type described in the operating instructions or as marked on the appliance.
11. **Polarization** — The polarization of the plug is a safety feature. The polarized plug will only fit the outlet one way. If the plug does not fit fully into the outlet, try reversing it. If there is still trouble, the user should seek the services of a qualified electrician. Under no circumstances should the user attempt to defeat the polarization of the plug.
12. **Power-Cord Protection** — Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to the cords at plugs, convenience receptacles, and the point where they exit from the appliance.
13. **Cleaning** — The appliance should be cleaned only as recommended by the manufacturer.
14. **Nonuse Periods** — The power cord of the appliance should be unplugged from the outlet when left unused for a long period of time.
15. **Object and Liquid Entry** — Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.
16. **Damage Requiring Service** — The appliance should be serviced by qualified service personnel when:
 - A. The power-supply cord or the plug has been damaged; or
 - B. Objects have fallen or liquid has been spilled into the appliance; or
 - C. The appliance has been exposed to rain; or
 - D. The appliance does not appear to operate normally or exhibits a marked change in performance; or
 - E. The appliance has been dropped or the enclosure damaged.
17. **Servicing** — The user should not attempt to service the appliance beyond that described in the operating instructions. All other servicing should be referred to qualified service personnel.

Special Cautions for Compact Disc Player

This Compact Disc Player contains a semiconductor laser system and is classified as a "CLASS 1 LASER PRODUCT". So, to use this model properly, read this Owner's Manual carefully. In case of any trouble, please contact the store where you purchased the unit. To prevent being exposed to the laser beam, do not try to open the enclosure.

DANGER:

INVISIBLE LASER RADIATION WHEN OPEN AND INTER-LOCK FAILED OR DEFEATED. AVOID DIRECT EXPOSURE TO BEAM.

CAUTION:

THIS PRODUCT UTILIZES A LASER. USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

FOR U.S.A. MODEL:

1. This laser is covered by a housing which prevents exposure during operation or maintenance. However, this product is classified as a Laser Product by CDRH (Center for Devices and Radiological Health) which is a department of the Food and Drug Administration. According to their regulations 21 CFR section 1002.30, all manufacturers who sell Laser Products must maintain records of written communications between the manufacturer, dealers and customers concerning radiation safety. If you have any complaints about instructions or explanations affecting the use of this product, please feel free to write to the address on the back page of this manual. When you write us, please include the model number and serial number of your Compact Disc Player.

2. In compliance with Federal Regulations, the certification, identification and the period of manufacture are indicated on the real panel.

3. FCC INFORMATION FOR USER

CAUTION:

The user that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE:

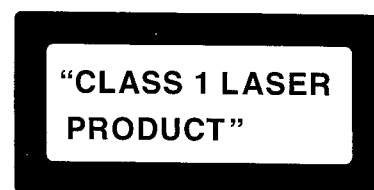
This equipment has been tested and found to comply with the limits for a Class B digital device pursuant to Part 15 of the protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and if not installed and used in accordance with the instructions may cause harmful interference to radio communications. However there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception which can be determined by turning the equipment off and on the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FOR CANADIAN MODEL: (POUR LE MODELE CANADIEN)

- THIS DIGITAL APPARATUS DOES NOT EXCEED THE CLASS B LIMITS FOR RADIO NOISE EMISSION FROM DIGITAL APPARATUS SET OUT IN THE RADIO INTERFERENCE REGULATIONS OF THE CANADIAN DEPARTMENT OF COMMUNICATIONS.
- L'INTERFERENCE, RADIO ELECTRIQUE GENeree PAR CET APPAREIL NUMERIQUE DE TYPE B NE DEPASSE PAS LES LIMITES ENONCEES DANS LE REGLEMENT SUL LES PERTURBATIONS RADIO ELECTRIQUES. SECTION APPAREIL NUMERIQUE, DU MINISTERE DES COMMUNICATIONS.

FOR EUROPEAN MODEL (include U.K.)



This label on the left hand panel of the unit states that:

1. This unit is a CLASS 1 LASER PRODUCT and employs a laser inside the cabinet.
2. To prevent the laser from being exposed, do not remove the cover. Refer servicing to qualified personnel.

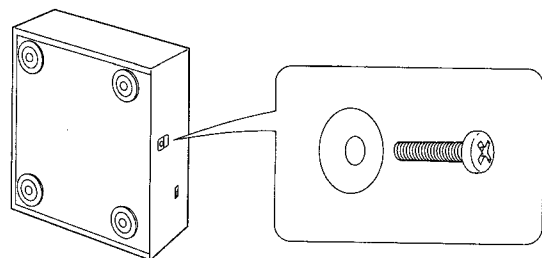
Before using the unit

To protect the unit from vibration related damage during shipping, this unit is equipped with transport lock screw.

How to release the transport lock

Remove the screw on the back of the unit using a Philips screwdriver.

- When shipping the unit, reverse the procedure.



Features

■ Six-Disc Carousel Changer

Onkyo's exclusive six-disc carousel changers not only give you more music for your money, they let you add, remove, or replace up to three discs without stopping play—unlike a magazine changer. And since there are no disc magazines to load, your disc labels are in plain sight plus they make it easy to record tapes with your favorite songs from several discs.

■ Fine Pluse Conversion System

Proprietary technology developed for our most expensive, high-end CD players, FPCS gives your digital music greater warmth, more texture, and better sound-stage imaging.

■ Single-Bit D/A Converters and AccuPulse Quartz System

Single-bit D/A converters give your music a wider dynamic range and sweeter sounding quiet passages. They work in conjunction with your AccuPulse Quartz System, which further reduces the possibility of subtle vibrations that might cause timing errors.

■ Front Panel Ten-Key Direct Track Access and Direct Disc Play

For instant access to any song on the disc playing, simply press the desired track's number on your DX-311's front panel, or input the track's number into the DX-311/C211 remote control's keypad. And to start play of a particular disc, just press one of the six front-panel disc buttons.

■ Next Selection

This high-end feature lets you choose the next song from any of the six discs in the changer, without interrupting the song that's playing.

■ 8-Times oversampling digital filter

■ R1(Remote Interactive) compatible 30-key remote control (DX-C311/C211 only)

■ Seven repeat modes (entire side, all discs, A — B (DX-C311 only), memory, single track, random, random memory)

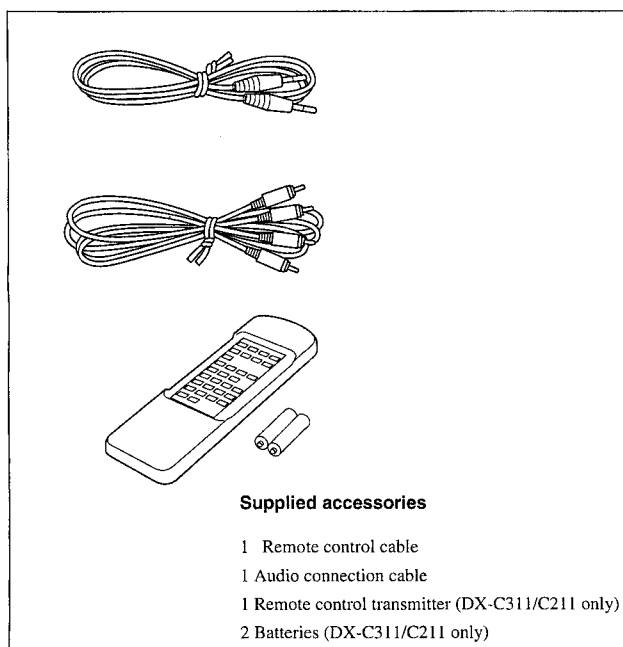
■ Three-mode time display (single elapse/remain, total remain)

■ 40-Track memory

■ Forward/reverse track jump

■ Peak search (DX-C311 only)

■ Output jack (analog/fixd)



Precautions

1. Warranty Card

The serial number is written on the rear panel of the unit. (Copy the serial number and model number onto your warranty card and keep it in a safe place.)

2. Power

WARNING

BEFORE PLUGGING IN THE UNIT FOR THE FIRST TIME, READ THE FOLLOWING SELECTION CAREFULLY.

- Some models are designed for use only with the power supply voltage of the region where they are sold.
U.K. and Australian models: AC 240V, 50Hz
European models: AC 230V, 50Hz
U.S.A. and Canadian models: AC 120V, 60Hz
Worldwide models: AC 120 and 220V switchable, 50/60Hz
- Voltage Selector (Rear Panel)
Worldwide models are equipped with a voltage selector to conform with the local power supply in your area. Check that the voltage selector is set to the correct voltage before plugging in the unit (See "Setting the Voltage Selector [Worldwide models Only]", P.6). Models without a voltage selector can only be used in areas where the power supply voltage is the same as that of the unit.

3. Do not touch the player with wet hands

Do not handle the player or power cord when your hands are wet or damp. If water or any other liquid enters the player cabinet, take the player to an authorized service station for inspection.

4. Location of the player

- Place the player in a well-ventilated location. Take special care to provide plenty of ventilation on all sides of the player especially when it is placed in an audio rack. If ventilation is blocked, the player may overheat and malfunction.
- Do not expose the player to direct sunlight or heating units as the player's internal temperature may rise and shorten the life of the pickup.
- Avoid damp and dusty places and places directly affected by vibrations from the speakers. In particular, avoid placing the unit on or above one of the speakers.
- Be sure the player is placed in a horizontal position. Never place it on its side or on a slanted surface as it may malfunction.
- Do not place near tuners or TV sets. If placed next to a TV or tuner, it may cause reception interference resulting in some noise in the TV or tuner output.

5. Care

From time to time you should wipe off the front and rear panels and the cabinet with a soft cloth. For heavier dirt, dampen a soft cloth in a weak solution of mild detergent and water, wring it out dry, and wipe away the dirt. Following this, dry immediately with a clean cloth. Do not use rough material, thinners, alcohol or other chemical solvents or cloths since these may damage the finish or remove the panel lettering.

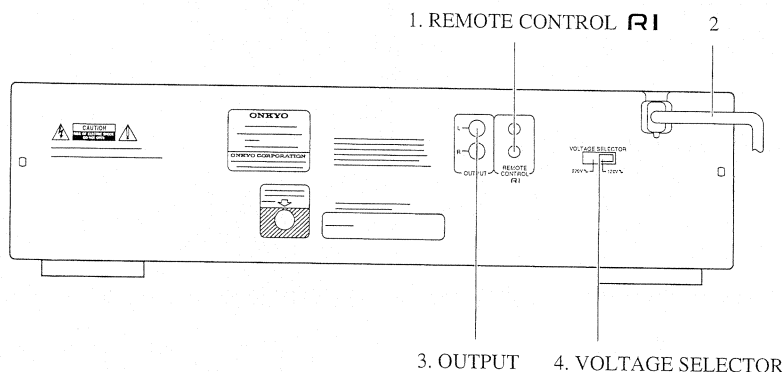
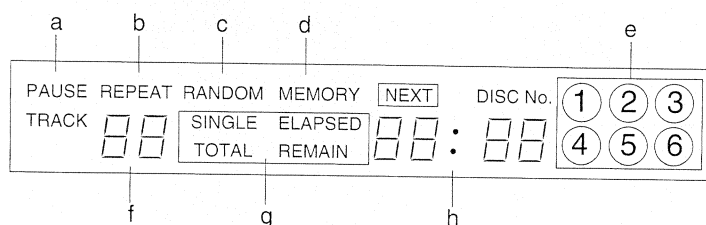
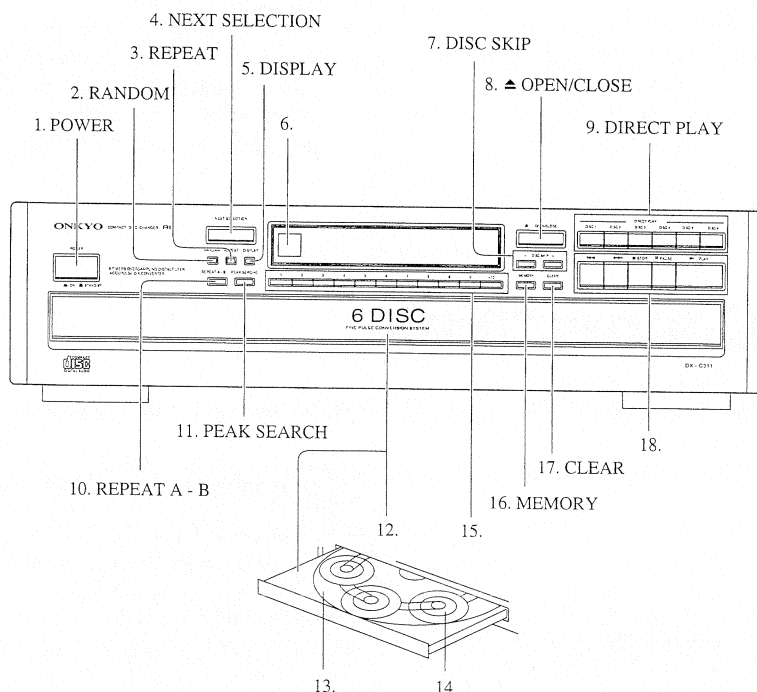
6. Points to Remember

- If the player is brought from a cold environment to a warm one or is in a cold room that is quickly heated, condensation may form on the pickup, preventing proper operation. In this case, remove the disc and leave the power ON for about one hour to remove the condensation.
- Always close the disc tray when not loading or unloading discs to protect delicate internal parts from dust.
- When transporting the player, be careful not to bump it.

Control Positions and Names

NOTE:

If there is a protective film on the display, which is making it difficult to read the display, remove it.



For more information about buttons, turn to the page number listed in the [].

Front panel

1. POWER button [6]
2. RANDOM button [9]
3. REPEAT button [12]
4. NEXT SELECTION button [8]
5. DISPLAY button [13]
6. Remote Control Sensor (DX-C311/C211 only) [14]
7. DISC SKIP buttons [8]
8. OPEN/CLOSE button [7]
9. DIRECT PLAY buttons [8]
10. REPEAT A-B button (DX-C311 only) [12]
11. PEAK SEARCH button (DX-C311 only) [12]
12. Loading drawer [7]
13. Disc tray(s) (1 - 6)
14. Carousel
15. Number buttons (1 - 9, 0) and Plus Ten button (+10) (DX-C311 only) [8]
16. MEMORY button [10]
17. CLEAR button [11]
18. Operation buttons

- :Down button
- :Up button
- PAUSE :Pause button
- STOP :Stop button
- PLAY :Play button

Display

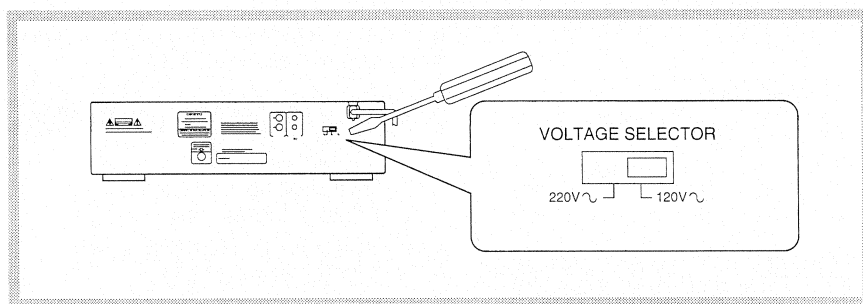
- a. PAUSE indicator
- b. REPEAT indicator
- c. RANDOM indicator
- d. MEMORY indicator
- e. Disc number indicator
- f. TRACK number display
- g. ELAPSED/REMAIN indicator
- h. Time display

Rear panel

1. REMOTE CONTROL jacks [15]
2. Power Supply Cord [6]
3. Analog OUTPUT jacks [6]
4. VOLTAGE SELECTOR (Worldwide models only) [6]

Setting the Voltage Selector (Worldwide Model Only)

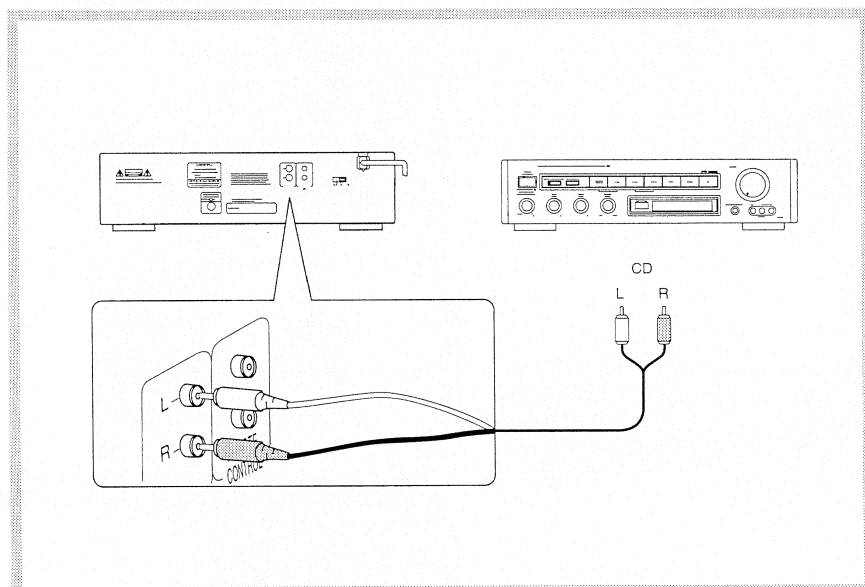
Models without a voltage selector can only be used in areas where the power supply is the same as that of the CD player.



1. Determine the proper voltage for your area: 220V or 120V.
2. If the preset voltage is not proper for your area, insert a screwdriver into the groove in the switch. Slide the switch all the way to the right (120V) or to the left (220V), whichever is proper.

Making System Connections

- Do not plug in the power cord until all connections have been made.
- On each pair of input or output jacks, the lower jack (marked R) corresponds to the right channel, and the upper jack (marked L) to the left channel.

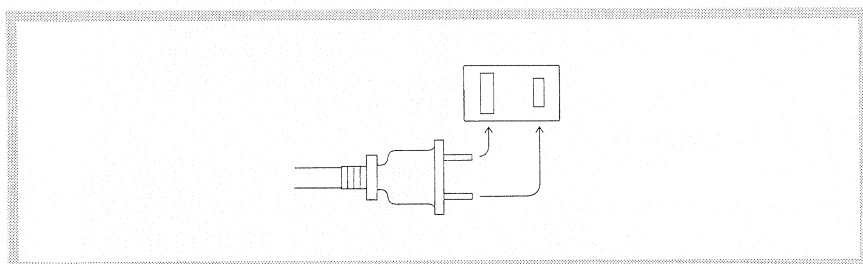


Connecting to an amplifier

Two types of output jacks are located on the rear panel. Select the appropriate type according to your amplifier.

ANALOG OUTPUT jacks: These are the most commonly used jacks. When connecting use the supplied audio connection cable (2 × RCA to 2 × RCA).

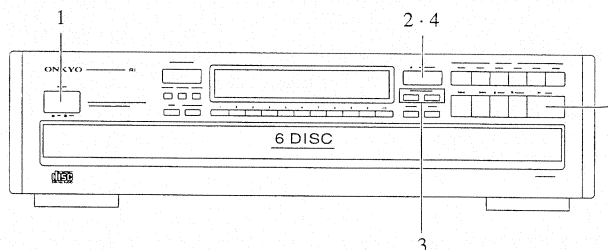
See your amplifier's instruction manual for further information.



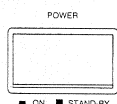
Connecting the power

Insert the AC power supply cord into the wall outlet.

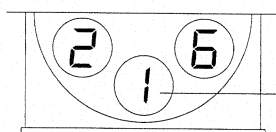
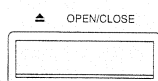
Playing CDs



1

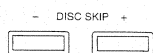


2

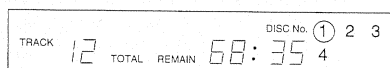
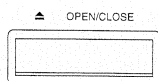


Front position

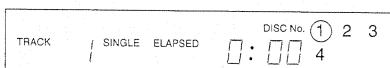
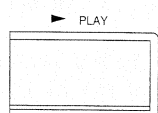
3



4



5



1. Press the POWER button to turn on the power.

- When the power is turned on, the carousel rotates to find the position of a disc and stops automatically if there is a disc on the disc tray.
- If the OPEN/CLOSE button is pressed immediately after the power has been turned on the carousel does not rotate.

2. Press the OPEN/CLOSE button to open the loading drawer.

3. Put the disc(s) in the Disc Tray(s) with labels facing up.

- Pressing the DISC SKIP (-,+) button rotates the carousel so that you can load discs in the other disc trays.

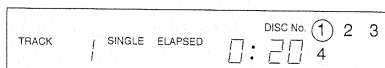
4. Press the OPEN/CLOSE button again to close the loading drawer.

- The disc in the front position is ready to play. If there is no disc in the front position of the carousel, the unit rotates to the next Disc Tray until it finds a disc to play. The Disc Tray number with no disc in its tray disappears from the display.

5. Press the PLAY button.

- The Disc No. is surrounded by a square and starts playing from the first track.
- If you put the discs in the disc trays and press the PLAY button instead of the OPEN/CLOSE button, the carousel turns and the disc which you put in front position while the drawer was opened starts to play.
- After all the discs on the carousel have been played, the display resets to its initial condition when the discs were loaded.

|| PAUSE



Interrupting play briefly

Press the || PAUSE button.

- The PAUSE indicator lights and the playing stops temporarily.
- To resume playing, press the PLAY button. The playing starts up again from exactly where it left off.

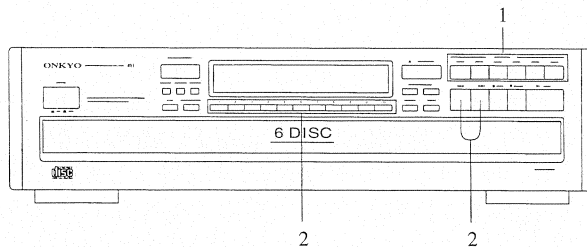
■ STOP



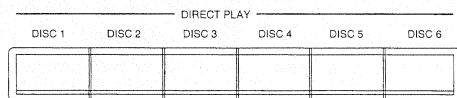
Stopping play

Press the ■ STOP button.

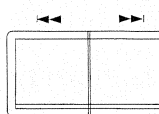
- When the loading drawer is open, the disc which has been played comes into the front position.



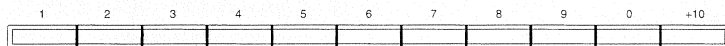
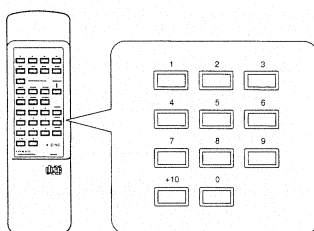
1



2



OR



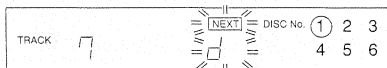
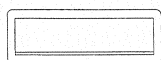
Starting playback from the desired Disc and track

1. Select the desired disc using the **DIRECT PLAY** buttons (DISC 1 - DISC 6).
2. Select the track number you wish to play using the **◀◀** and **▶▶** buttons.
 - Selecting the track number can be performed directly with the Number buttons on the front panel (DX-C311 only) or on the remote control (DX-C311/C211 only). The +10 button selects a track with a number of 10 or higher. For example, to select Track Number 30, press this button three times, and then press 0.
 - If you do not select the track, playback will start with the first track on the selected disc.

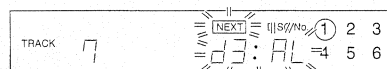
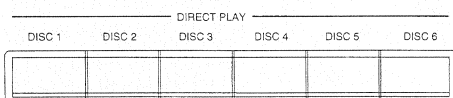
Playback will start automatically, so the **▶** PLAY button does not need to be pressed.

1

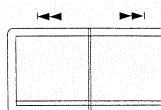
NEXT SELECTION



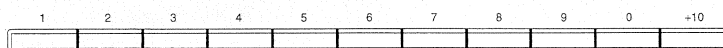
2



3



OR

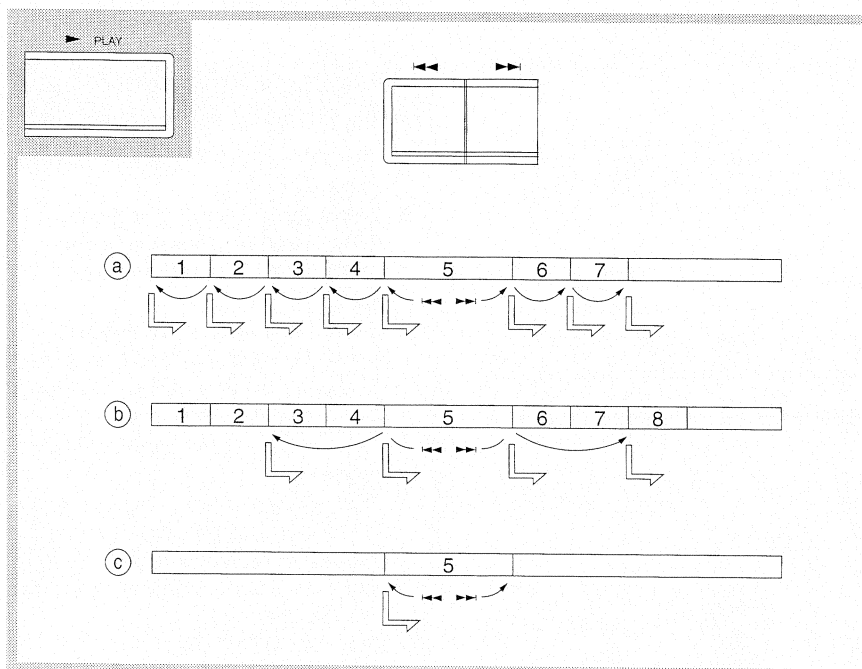
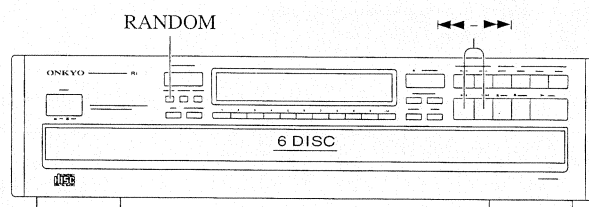


Selecting the next desired track during the playback

1. Press the **NEXT SELECTION** button.
 - If you do not operate within approximately 8 seconds, it will be cancelled. In such a case, press the button again.
2. Select the desired disc, using the **DIRECT PLAY** buttons (DISC 1 - DISC 6).
 - If you select a track from the disc being played, this operation is not necessary.
 - Nothing will operate for the next 8 seconds.
3. Select the desired track number using the **◀◀** and **▶▶** buttons.
 - When the track which has been playing finishes, the selected track will be played.
 - Selecting the track number can be performed directly with the Number buttons on the front panel (DX-C311 only) or on the remote control (DX-C311/C211 only).

NOTE:

If the disc which has been selected is not in the Disc Tray, the next disc is played in the normal way, starting from the beginning. If a track which is not on the disc is selected, the disc which was designated is played in the normal way, starting from the beginning.



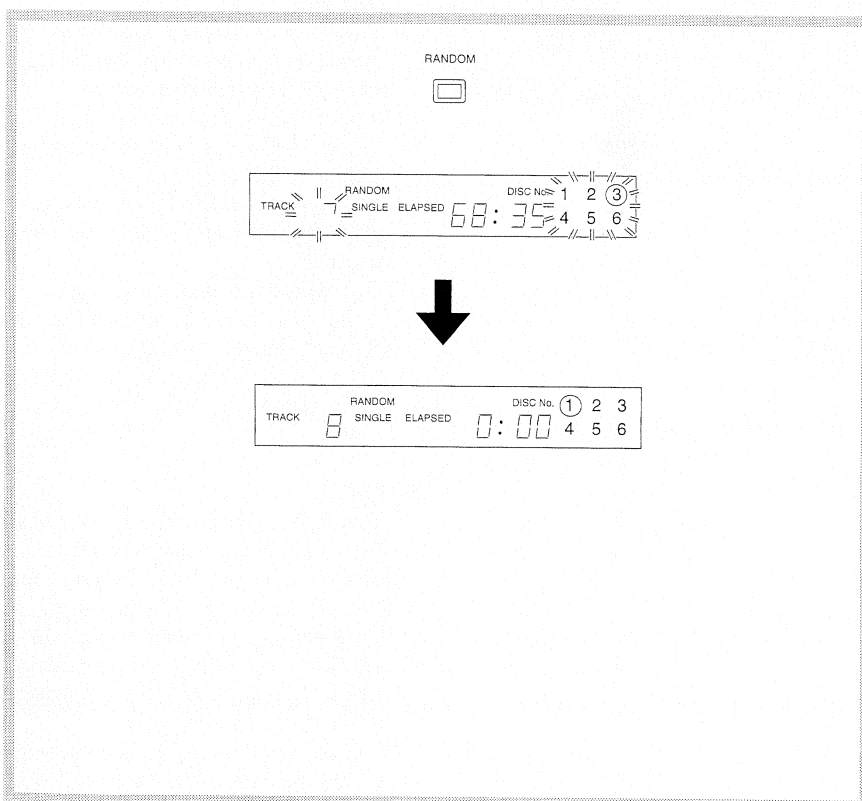
Skip play

During playback, press the **SKIP** button. The CD player will stop playing the current track, then move to the beginning of the next track where normal play will continue.

During playback, press the **REPEAT** button. The CD player will stop playing the current track, return to the beginning of the track, and play the track again. Normal play will continue. To jump to the previous track, quickly press the **REPEAT** button again before playback begins.

- (a) during normal play
- (b) during memory play
(when the track numbers 3, 5, 6 and 8 are stored (in that order) in the memory)
- (c) during random play

← and → shows where playback will skip to (skip mode) and ↺ indicates the normal order of playback.



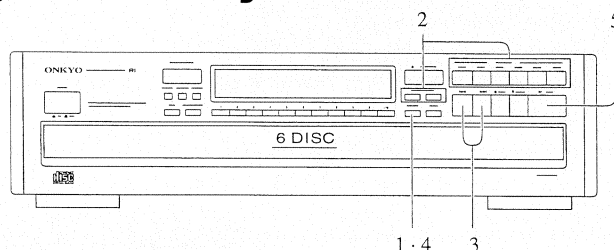
Playing tracks in random play

Press the RANDOM button to enter random mode.

The CD player will play all the tracks of all the six discs in a random order.

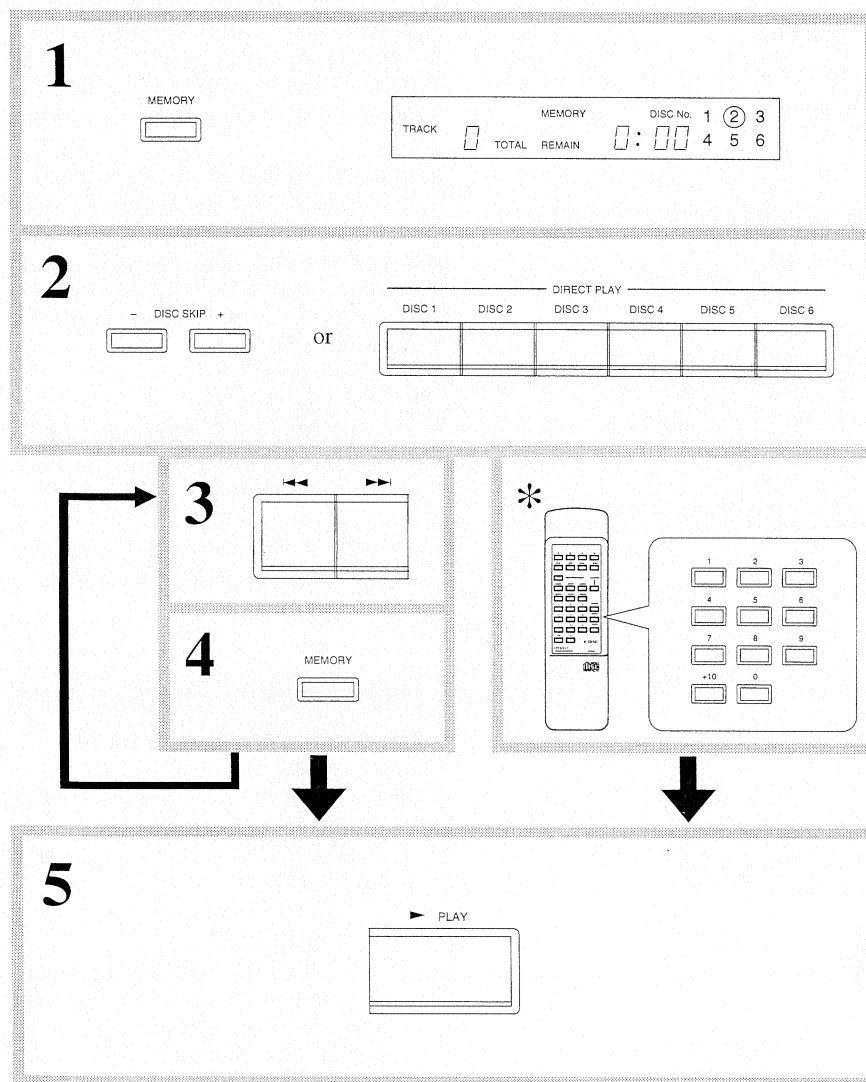
- To stop the random play, press the **STOP** button.
- To cancel the random play, press the **RANDOM** button.
- Disc can be exchanged during random play. However, if a disc with a different number of tracks is added, all the tracks are played. A disc with the same number of tracks does not play the track numbers which have been already played. If a disc whose tracks have been all played is exchanged, the new disc is not played.
- Random mode can be operated together with memory mode and repeat mode. However, if the whole disc is stored into memory and the disc is selected, other songs are not played until the random play of the tracks of this disc are completed.

Using Memory Function



Up to 40 tracks can be stored in memory. For the DX-C311/C211, the number buttons on the remote control can be used for this operation.

For the DX-C111, the remote control can be used if you have the supplied one with the Onkyo amplifier.

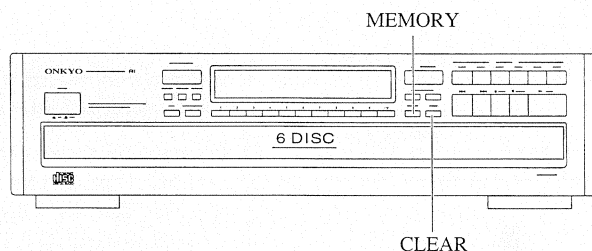


Storing a program into memory and playing it

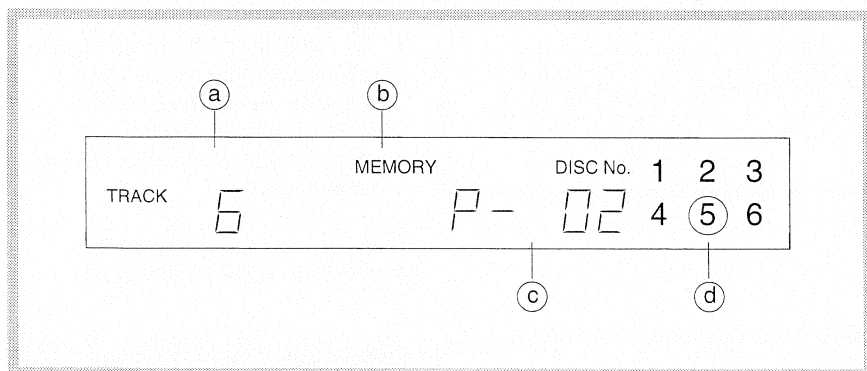
1. Press the **MEMORY** button to enter memory mode.
2. Select the desired disc, using the **DISC SKIP (+, -)** buttons or the **DIRECT PLAY** buttons (**DISC 1 - DISC 6**).
3. Select the desired track number, using the **◀▶** buttons.
 - You can store all the tracks in memory by pressing the **◀▶** button until "AL" appears on the **TRACK** Number display.
 - * When using a remote control, enter the track number by pressing the number buttons on the remote control. To store all the tracks in the memory, select the track number "0".
4. Press the **MEMORY** button. The selected track will be stored in memory.
 - To enter further track numbers into memory, repeat procedure 2 and 4 (or 2 and 3 by using a remote control).
 - If more than 40 tracks are selected, "FULL" will flicker on the time display to indicate the memory is full.
5. When you press **▶ PLAY** button, playback will occur in the order you selected.
 - If the **MEMORY** button is pressed during play, the current track being played is stored in memory. When using a remote control, further tracks can be stored by pressing the number button.

NOTES:

- If the total remaining time is more than 99 minutes 59 seconds or when the contents stored in memory extends over 2 or more discs, "--: --" is displayed.
- If non-existing selections of disc(s) or track(s) are entered, the corresponding indicator (disc or track) will illuminate and the selection is included in the program count. During play, the non-existing selection(s) will be cancelled and the subsequent programmed disc or track will be played.



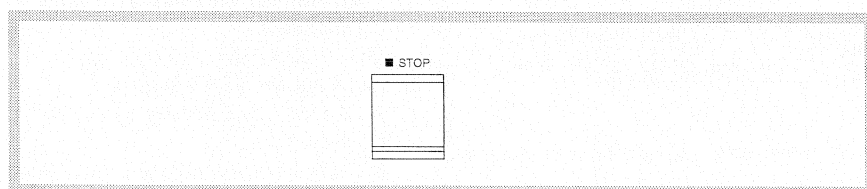
It is possible to check what is stored in memory and if necessary delete unwanted track(s) from memory.



The contents of the display

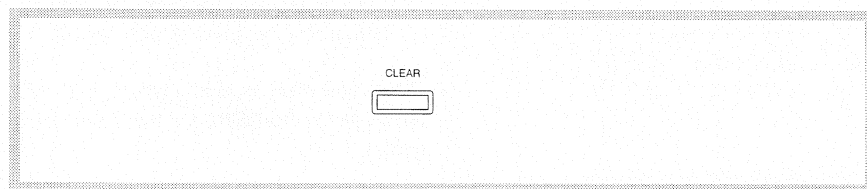
Example: When the sixth track of DISC No. 5 is stored in memory as the second track to be played (P-02).

- ① Track number
- ② MEMORY indicator
- ③ Program number
- ④ Disc number



Stopping a memory play

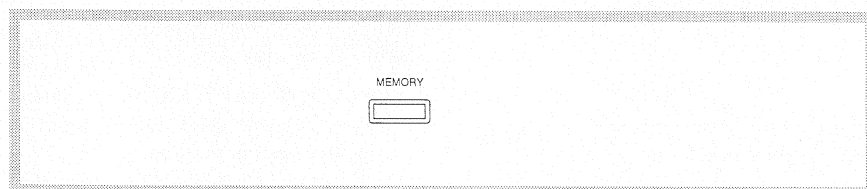
Press the ■ STOP button.



Clearing the last track stored

Press the CLEAR buttons.

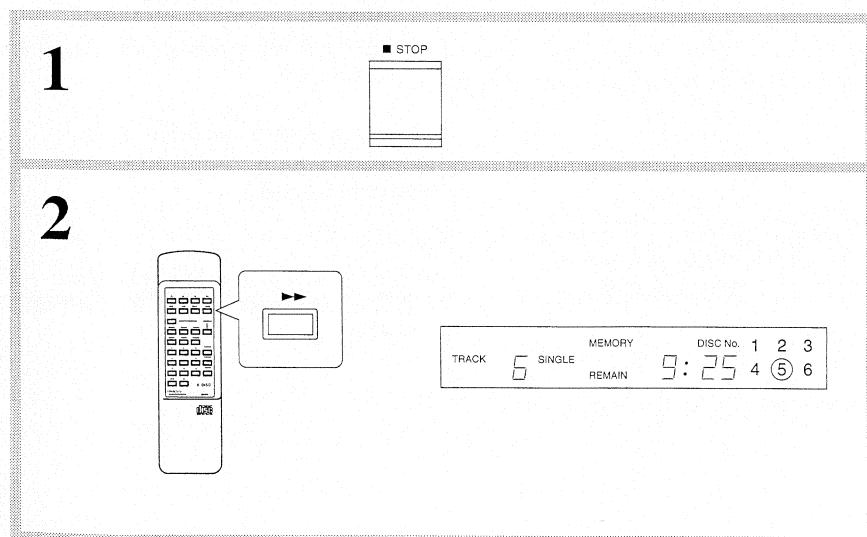
The last track stored in memory is cleared.



Clearing the whole of the program

Press the MEMORY button.

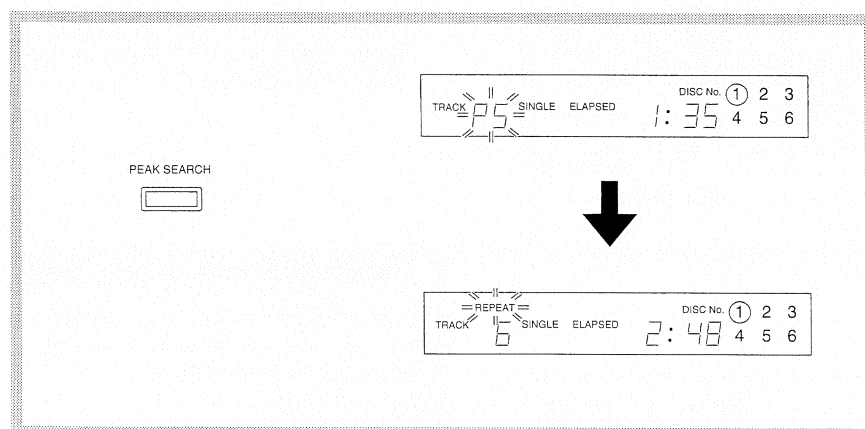
The contents of the memory are completely cleared.



Checking what is stored in memory (DX-C311/C211 only)

1. When the CD player enters the stop mode during memory play, the last program number stored in memory will be shown on the display.
2. When you press the ►► button on the remote control, the display will show each track number stored in memory, in turn.

Useful Functions

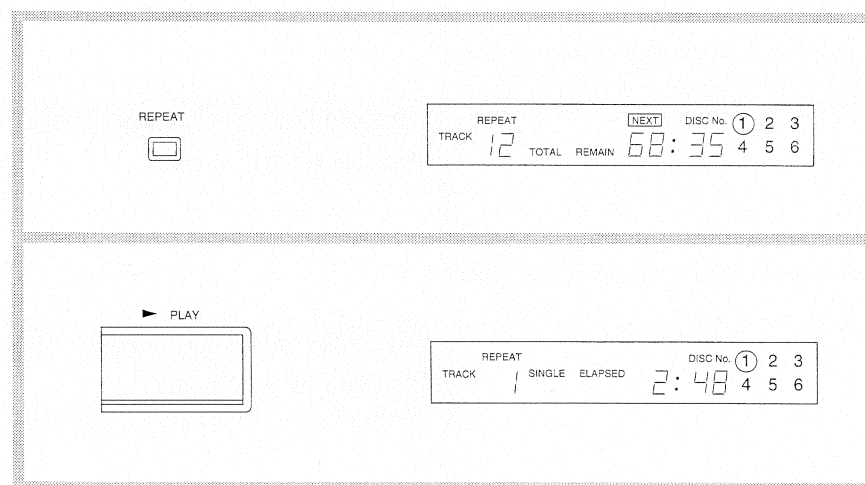


Searching for the peak volume through the disc (DX-C311 only)

Press the **PEAK SEARCH** button.

- The CD player checks the disc for peak level. The 'PS' (PEAK SEARCH) indicator will flash in the TRACK Number display section during this operation.
- The part of the track with the highest volume on the disc will be played repeatedly for 4 seconds and the REPEAT indicator flashes.
- Refer to this level when recording a cassette tape.

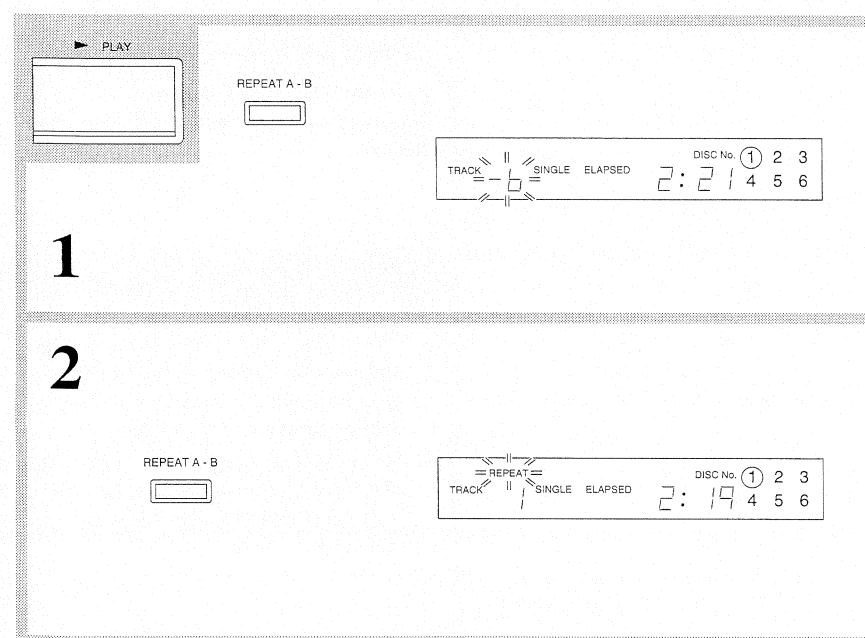
When you want to cancel the **PEAK SEARCH**, press the **STOP** button .



Repeating all tracks on a disc

1. Press the **REPEAT** button to enter repeat mode.
The REPEAT indicator will light.
2. Press the **▶ PLAY** button.
All discs inserted in the trays will be played repeatedly.
Repeat play can be used in conjunction with the normal, memory, and random play modes. You can press this button before play begins or while playing.

When you want to cancel the repeat mode, press the **REPEAT** button once again.



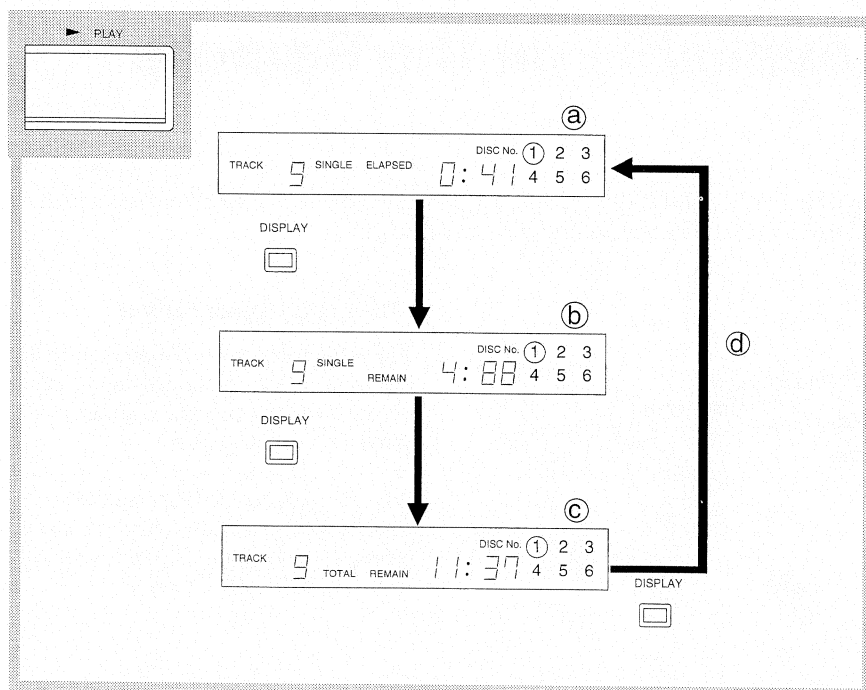
Repeating the block specified (DX-C311 only)

1. Press the **REPEAT A-B** button at the start of the portion (Point A) to be repeated during playing.
2. Press the **REPEAT A-B** button at the end of the portion (Point B) to be repeated.
The block between A and B is played repeatedly.

When you want to cancel the block repeat play, press the **REPEAT A-B** button once again.

NOTE:

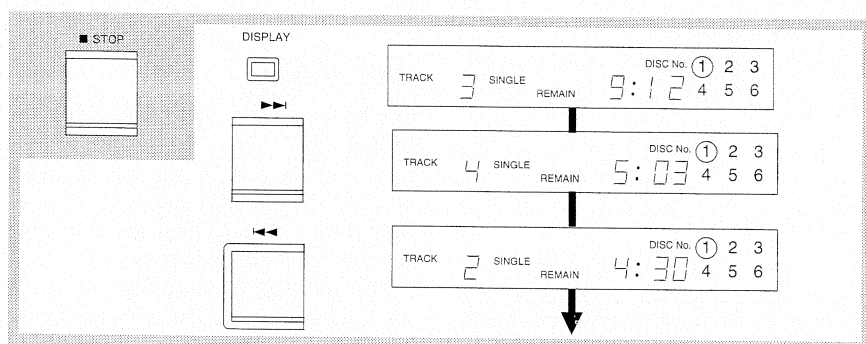
It is not possible to use the block repeat function during memory play, random play or repeat play.



Checking the elapsed or remaining time

The display changes each time you press the DISPLAY button during play.

- (a) SINGLE ELAPSED: Shows how long the current track has been playing.
- (b) SINGLE REMAIN: Shows how much time is left for the track currently playing. For a track beyond the 20th, the display shows "--: --".
- (c) TOTAL REMAIN: Shows how much playing time is left for the entire disc. During memory play, this display shows the playing time remaining for the entire sequence of tracks programmed into memory.
- (d) The display returns to normal, showing the single elapsed time.

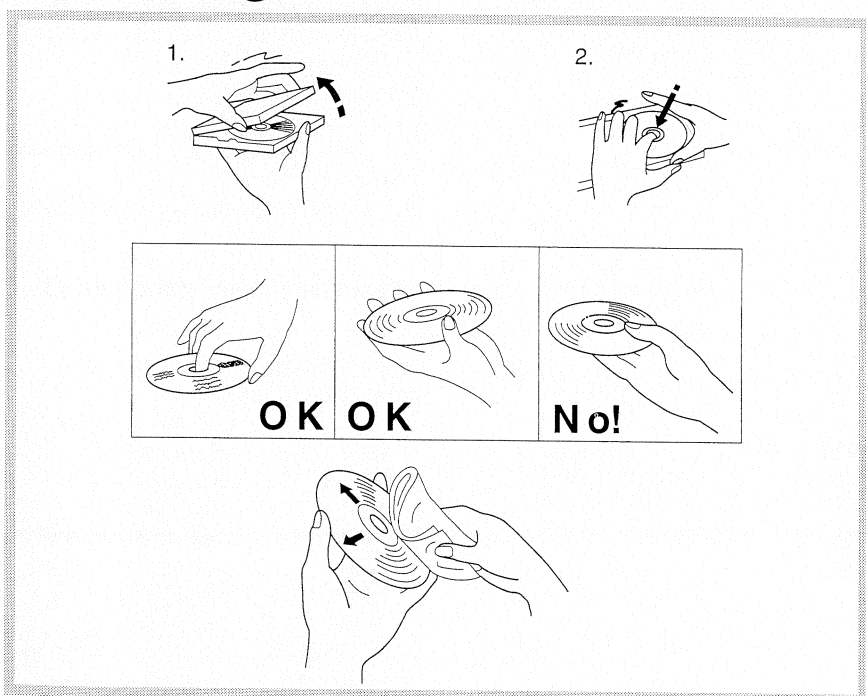


Checking the playing time of each track

Press the DISPLAY button during stop mode.

- When you press the ►►| button, the display shows the playing time of the next track, following the order of the tracks on the CD.
- When you press the ◀◀| button, the display returns to the previous track.

Handling CDs



Removing a CD from its case

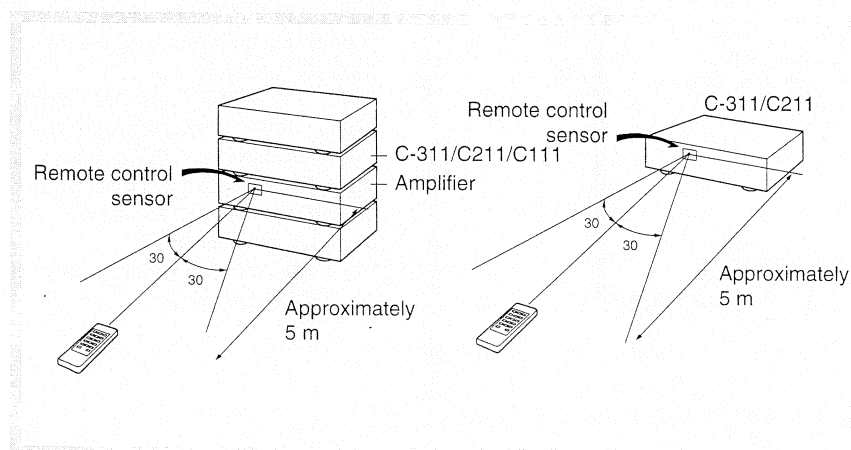
1. Hold the disc case in the palm of one hand and pull the lid up and backward.
2. Push down on the inside of the disc case, through the center hole of the disc.

Important notes on handling CDs

- Carefully lift the disc from the disc case, making sure to only hold the disc by its edges or the hole in the middle.
- A dry, soft cloth may be used to wipe dust and fingerprints off the surface of CDs. Do not use volatile agents on discs, such as thinner or benzene. Also, do not use conventional record cleaners or antistatic agents.
- Do not place a CD in direct sunlight or locations subject to high humidity or low temperature.
- Do not store a CD in the CD player tray for long periods of time.

Features Only Available on the Remote Control

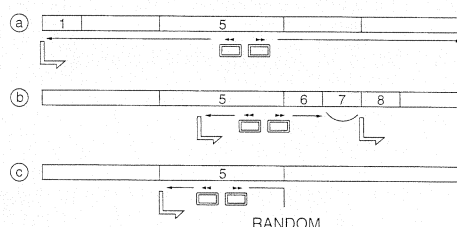
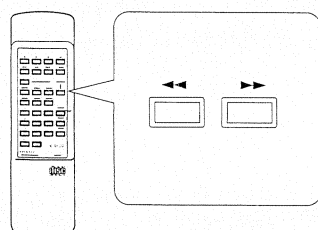
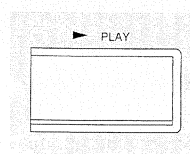
You can operate functions using the supplied remote control (DX-C311/C211 only) or an Onkyo amplifier's supplied remote control. Press the buttons on the remote control which correspond to the buttons on the main unit's front panel.



Using the remote control

When the remote control supplied with the amplifier or receiver is used, operate the remote control by pointing it towards the amplifier's remote sensor.

When the supplied remote control RC-264C is used, operate the remote control by pointing it towards the CD player's remote sensor. (DX-C311/C211 only)



Search play

This button may not be provided on the front panel.

Hold down the ►► button to fast forward the current track during playback.

Hold down the ◄◄ button to fast reverse the current track during playback.

Release the ►► or ◄◄ button when you reach the specific place on the track you want.

The CD player will automatically play when you release the ►► or ◄◄ button.

If you fast forward to the end of the disc, the CD will return to track 1 and then stop.

- (a) during normal play
- (b) during memory play
- (c) during random play

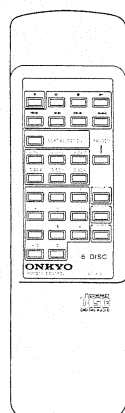
◄ and ► indicates fast reverse and fast forward.

⤵ indicates the normal order of playback.

Operation buttons (DX-C311/C211 only)

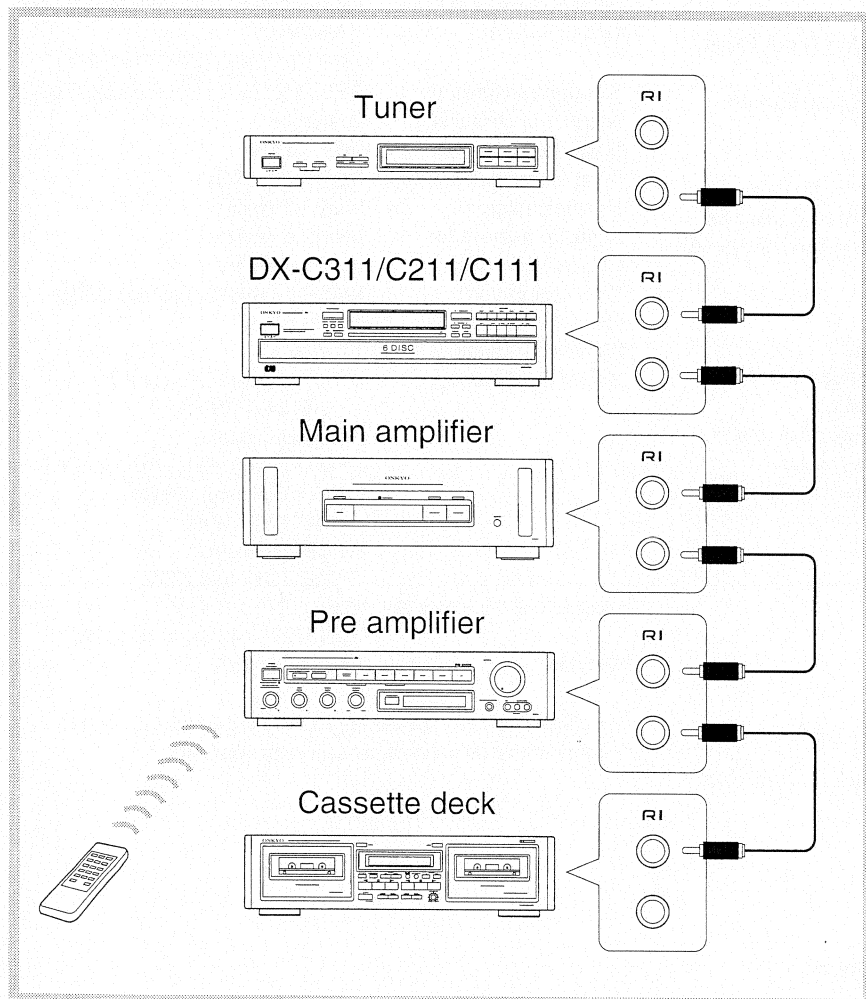
You can use the following buttons to control your CD player.

- ⏏ : Open/close button
- ⏸ : Pause button
- : Stop button
- ▶ : Play button
- ◄◄ : Fast reverse button
- : Fast forward button
- ⏮ : Down button
- ⏭ : Up button
- NEXT SELECTION : Next selection button
- DISC 1-6 : Direct play buttons
- 1-9, 0, +10 : Number buttons
- RANDOM : Random button
- REPEAT : Repeat button
- MEMORY : Memory button
- CLEAR : Clear button



Connecting Onkyo Components for **RI** Operation

When the DX-C311/C211/C111 is connected to an amplifier or receiver with the Onkyo **RI** mark, you can operate it by pressing the CD operation buttons on the amplifier or receiver's supplied remote control.



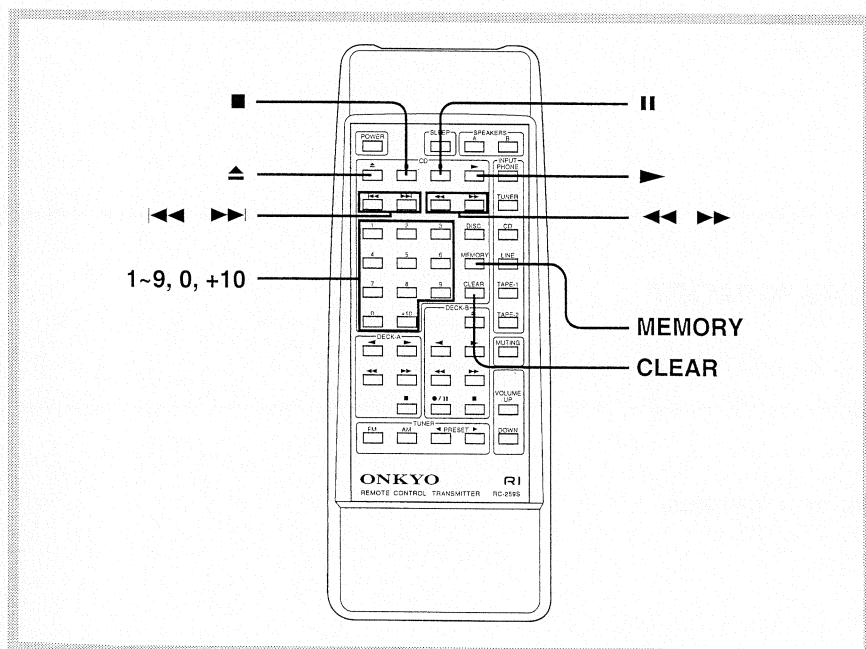
Connections for remote control (**RI**)

When connecting Onkyo products, it is necessary to attach the **RI** cable to be able to use the remote control of the amplifier (or receiver) to control the entire system.

1. To use this CD player with an amplifier (or receiver), cassette tape deck and tuner with the **RI** mark, insert the remote control cable plugs into the REMOTE CONTROL jacks as shown.
2. As the exact connection sequence of the **RI** cable is unimportant, you can connect from the amplifier (or receiver) to either the tuner, the cassette tape deck or to the compact disc player.
3. To operate correctly the remote control must face towards the remote control sensor of the amplifier or receiver.

NOTE:

- The upper and lower **RI** remote control jacks have the same function.
- Remote control operation is not possible when only the remote control cable is connected — the audio connection cables must also be connected.
- An **RI** remote control cable equipped with a 1/8" (3.5mm) diameter miniature two-conductor phone plug is included with the DX-C311/C211/C111 and with every tuner and compact disc player with the **RI** mark.



Using the remote control

You can use the following buttons to control your amplifier or receiver.

- : Stop button
- || : Pause button
- ▶ : Play button
- ◀ : Down button
- ▶ : Up button

Alternatively, you can use a remote control that has been provided with an Onkyo unit such as the A-911. If this is the case, the following buttons can be used.

- ▲ : Open/close button
- ◀ : Fast reverse button
- ▶ : Fast forward button
- 1-9, 0, +10 : Number buttons
- MEMORY : Memory button
- CLEAR : Clear button

The illustration on the left shows the remote control provided with the Onkyo A-911 amplifier. The remote control you use may be different to the one shown.

Troubleshooting Guide

- **POWER button is pressed, but power does not come on.**
Cause: Power cord plug is not properly connected to AC outlet.
Remedy: Insert plug firmly.
- **Disc is loaded in the disc tray, but playback will not begin.**
Cause: Disc is in the disc tray upside down.
Remedy: Load the disc with the label facing upward.
Cause: Disc is dirty.
Remedy: Clean the disc.
Cause: Moisture has accumulated inside the CD player.
Remedy: Remove the disc from the disc tray, place the CD player in a warm place and leave the power on for about one hour.
- **No sound**
Cause: Incomplete or incorrect connections.
Remedy: Check all cable connections (See pages 6)
Remedy: Insert all plugs firmly into jacks.
Cause: Improper input selector switch setting on amplifier.
Remedy: Set switch to proper position. See your amplifiers operating instructions for more information.
- **Disc skipping**
Cause: Disc is dirty.
Remedy: Clean the disc.
Cause: Disc is scratched.
Remedy: Replace the disc.
Cause: CD player has been bumped.
Remedy: Place the CD player in a more stable location.
- **Search time (when moving to a specific track) is extremely long.**
Cause: Disc is dirty.
Remedy: Clean the disc.
Cause: Disc is scratched.
Remedy: Use another disc.
- **Track numbers cannot be stored in the memory.**
Cause: No disc in the tray.
Remedy: Load a disc into the tray.
Cause: A track number not on the disc is being input.
Remedy: Use only the track numbers on the disc.

Specifications

Compact Disc Automatic Changer Model DX-C311/C211/C111	
Signal readout system:	Optical non-contact
Reading rotation:	About 500 - 200 r.p.m. (constant linear velocity)
Linear velocity:	1.2 - 1.4 m/s
Error correction system:	Cross interleave Reed-Solomon code
D/A converter:	1 bit PWM/ ACCUPULSE (DX-C311/C211)
Sampling frequency:	352.8 kHz (8 times oversampling)
Number of channels:	2 (stereo)
Frequency response:	2Hz - 20kHz
Total harmonic distortion:	0.004% (at 1kHz)
Dynamic range:	96dB (at 1kHz)
Signal to noise ratio:	96dB (at 1kHz)
Channel separation:	90dB (at 1kHz)
Wow and Flutter:	Below threshold of measurability
Output level:	2 volts r.m.s.
Power consumption:	13 watts
Power supply rating:	U.K. and Australian models: AC 240V, 50Hz European model: AC 230V, 50Hz (Except U.K.) USA & Canadian models: AC 120V, 60Hz Worldwide model: AC 120V and 220V
Dimensions (W × H × D):	455 × 120 × 425 mm (17-15/16" × 4-3/4" × 16-11/16")
Weight:	7.4 kg (16.3 lbs)

Specifications and external appearance are subject to change without notice because of product improvements.

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Printed by: Schaltungsdienst Lange Berlin (Germany)

SN29341942AY



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